

Notice of Allowability

Application No.

10/082,179

Examiner

Sing P Chan

Applicant(s)

TAKEKOSHI, NOBUHIKO

Art Unit

1734

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an amendment filed on May 20, 2004.
2. ☒ The allowed claim(s) is/are 1,3-6,8 and 9.
3. ☒ The drawings filed on 20 April 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

Allowable Subject Matter

1. Claims 1, 3-6, and 8-9 are allowed.
2. The following is an examiner's statement of reasons for allowance: The claims recite an apparatus for forming a laminating object. The apparatus includes a conveying means for conveying the laminating object, a drying means for drying the laminating object after an image was formed by ink discharged from a recording head, a laminate means for effecting laminate processing on the object, a control means for controlling the temperature of the drying means at a predetermined temperature T1 when the laminating object is being conveyed by the conveying means before the laminating object arrives at the drying means and adjusting the temperature to T2, which is greater than T1, when the laminating object is being dried by the drying means. The admitted prior art discloses a laminating apparatus for ink jet recording medium. The apparatus includes a conveying means for conveying the medium, drying means for drying the ink on the medium, and laminating means for laminating a film onto the imaged surface. (Specification, Page 3, line 1 to Page 4, line 22) The admitted prior art does not disclose a control means to control the temperature of the drying means at a predetermined temperature of T1 when the medium is being conveyed by the conveying means before the medium arrives at the drying means and adjusting the temperature of drying means to T2, which is greater than T1, when the medium is being dry. Masuda et al discloses an apparatus for drying photosensitive material with means for controlling the temperature of drying means. The apparatus includes a temperature sensor, which

maintains the heating section at a standby temperature, a film sensor detects the film or sheet material as the film or sheet is fed to the apparatus and switch the drying heater on to increase the temperature of the drying means to the operation temperature, which is greater than the standby temperature. (Col 6, lines 38-68) Masuda et al is silent as to the apparatus includes a controller to control the temperature set at the standby temperature as the film is conveyed to the drying section and switch to a higher operating temperature when the film is being dried by the drying means. A search of the prior art of record did not disclose reference or references in combination with the recited feature.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sing P Chan whose telephone number is 571-272-1225. The examiner can normally be reached on Monday-Friday 7:30AM-11:15AM and 12:15PM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard D Crispino can be reached on 571-272-1226. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


spc


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SUPERVISORY PATENT EXAMINER
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